

# Lightbar FX250-SP

Higher luminosity for improved road safety



**Spot Beam**

Highly concentrated light beam



**Lighting distance up to 360 meters**

Improved far and near field illumination



**Beam angle 5°**

Exceptionally focused beam angle



### High-performance LED auxiliary lights are permitted for use and improve visibility on roads

Not only does reliable and brilliant light improve visibility for drivers, above all, it improves safety on the road. The LEDriving Lightbar FX250-SP automotive auxiliary light gives drivers a powerful supplemental high beam that is approved for use on roads. Even in difficult visibility conditions, the LED auxiliary light provides better perception of oncoming traffic with ten high-performance LEDs and 2700 lumen. Along with improving one's own safety, it improves road safety overall. The intelligent reflector design of the LED high beam offers extreme efficiency with even light distribution. The highly concentrated light greatly improves far field illumination. The light beam from the LED automotive headlight reaches up to 360 meters. Durability & wide range of applications Daily use demands quite a bit from a vehicle. The stress doesn't stop at the LED auxiliary light. This is why it is equipped with an extremely robust polycarbonate lens that can withstand even harsh conditions for longer periods. But high-quality materials aren't the only factor contributing to its durability: The integrated driver and thermal management system also plays a role in the long lifetime of the LED high beam light. Over and under voltage protection ensure that the circuit is automatically shut off when power exceeds the predetermined current for a specified amount of time. This temporarily prevents overheating and extends the lifetime of the LED auxiliary light. More light is important, and not only on roads: Powerful lighting is important off-road, on unlit dirt or forest roads and in agriculture. This is why the LEDriving Lightbar FX250-SP LED auxiliary light can be easily installed on 4x4 and utility vehicles, and industrial and construction vehicles.

# Product datasheet

## Technical data

### Product information

Order reference	LEDDL103-SP
Application (Category and Product specific)	Additional high beam application

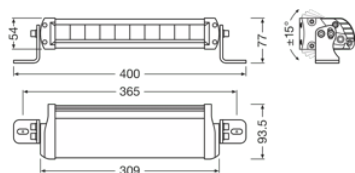
### Electrical data

Nominal voltage	12/24 V
Nominal wattage	30 W
Test voltage	13.5 V

### Photometrical data

Luminous flux	2700 lm
Color temperature	6000 K
Light distance at 1lx	360 m

### Dimensions & weight



Product weight	1200.00 g
Length	400.0 mm
Width	94.0 mm
Height	77.0 mm

### Lifespan

Lifespan Tc	5000 h
Guarantee	5 years

Additional product data

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Luminous intensity distribution

Connector to lamp	DT Connector
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Capabilities

Technology	LED
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Certificates & standards

Standards	ECE R10, R112
Approval marks – approval	E4 approval
Type of protection	IP67

Country specific categorizations

Order reference	LEDDL103-SP
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Logistical data

Commodity code	85122000900
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)
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## Product datasheet











<b>Date of Declaration</b>	06-03-2024
<b>Primary Article Identifier</b>	4052899595330
<b>Candidate List Substance 1</b>	Lead
<b>CAS No. of substance 1</b>	7439-92-1
<b>Safe Use Instruction</b>	The identification of the Candidate List substance is sufficient to allow safe use of the article.
<b>Declaration No. in SCIP database</b>	1e68ab0c-fc67-4595-92b2-f7f1f760842a

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899595330	Lightbar FX250-SP	Folding carton box 1	388 mm x 90 mm x 137 mm	4.78 dm <sup>3</sup>	1398.00 g
4052899595347	Lightbar FX250-SP	Shipping carton box 4	408 mm x 295 mm x 208 mm	25.03 dm <sup>3</sup>	6044.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### Download Data

File
 User instruction LEDriving
 Movie application OSRAM Quality Testing LEDriving working and driving lights (EN)
 Movie application OSRAM LEDdriving and working lights Imagefilm (EN)
 Movie application LEDriving Driving and Working Lights Reference Video (EN)
 Movie application Working and Driving Lights Amarak Winter
 Movie application LEDriving driving & working lights in application (EN)
 Video Light is Quality -OSRAM LEDriving Driving and Working Lights Quality Tests (EN)
 Video OSRAM LEDriving driving and working lights: The night doesn't stand a chance
 Video OSRAM LEDriving driving and working lights in action - From on road to off road applications (EN)
 Video Reference Number made easy - Making sure your LEDriving Driving Lights are legal on public roads

## Product datasheet



360 Degree Image  
LEDriving LIGHTBAR FX250-CB, LEDriving LIGHTBAR FX250-SP

### Legal advice

In vehicles with 12/24 volts, auxiliary lights must be installed in pairs

Precise terms and conditions at: [www.osram.com/guarantee](http://www.osram.com/guarantee)

### Application advice

For more detailed application information and graphics please see product datasheet.

### Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.



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